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TITLE: STALL MONITOR SYSTEM

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ABSTRACT:

PURPOSE: To include a user program as the stall object to normally return by forcibly terminating a stalled process when this process is not a process in the nucleus part of an information processing system.

CONSTITUTION: The execution priority of a timer control process 20 for reception of report of interval timer run-out is set to a value lower than that of a stall monitor object process 60, and the execution priority of a processing process 40 is set to the highest. The processing process 40 decides whether the process specified by a watchdog timer process 30 is the nucleus part of the system or not. When it is the nucleus part, the system is forcibly stopped by a system forcible stop means 42; but when it is not the nucleus part, a job forcible terminating means 43 is used to terminate the

system.

When the stalled process is not the nucleus part of the system, stall monitor

of another process is continued after said process is forcibly terminated.

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